

In the claims:

1. (Previously Presented) A device for testing the exhaust emissions of an internal combustion engine comprising a base station having respective docking ports for a portable exhaust gas sensor adapted for positioning at the exhaust gas outlet, and for an in-vehicle hand portable display device having a data input terminal comprising a keypad, wherein said base station, gas sensor and display device each include a wireless real-time data transmitter and receiver whereby data concerning the exhaust gases can be transmitted and received therebetween during an exhaust emissions test, and

wherein said gas sensor and display device are detachable from said base station for independent use and each include power packs to provide the necessary power when they are remote from the base station.

2. (Previously Presented) A device according to claim 1, wherein said wireless real-time data transmitter and receiver uses radio signals so that data can be transmitted and received therebetween.

3. (Previously Presented) A device according to claim 1, wherein the gas sensor includes a gas analyser.

4. (Previously Presented) A device according to claim 1, wherein the base station includes a memory and printer.

5. (Cancelled).

6. (Previously Presented) A device according to claim 1, wherein said docking port includes a heater whereby said sensor can be maintained at a desired operating temperature.

7. (Previously Presented) A device according to claim 1, wherein said docking port is adapted to transfer data between the base station and the gas sensor.

8. (Cancelled).
9. (Previously Presented) A device according to claim 1, wherein said docking port orientates the display device for use on the base station.
10. (Previously Presented) A device according to claim 1, and further including an engine oil temperature probe having at least one of a wireless real-time data transmitter and receiver for communicating with the display device.
11. (Previously Presented) A device according to claim 1, wherein the base station includes a smart card access device for enabling a test routine.
12. (Previously Presented) A device according to claim 1, and further including an engine speed sensor having at least one of a wireless real-time data transmitter and receiver for communicating with the display device.
13. (Previously Presented) A device for testing the exhaust emissions of an internal combustion engine comprising: a base station, a remote exhaust gas sensor, and a remote hand portable display device having a data input terminal comprising a keypad, each being detachable from the base station for independent use, wherein said base station, sensor and display device further include at least one of a radio transmitter and receiver whereby data can be transmitted and received therebetween.
14. (Previously Presented) A device according to claim 13, wherein the gas sensor includes a gas analyser.
15. (Previously Presented) A device according to claim 13, wherein the base station includes a memory and printer.
16. (Previously Presented) A device according to claim 13, wherein a docking port is provided on the base station for said gas sensor.

17. (Previously Presented) A device according to claim 16, wherein said docking port includes a heater whereby said sensor can be maintained at a desired operating temperature.
18. (Previously Presented) A device according to claim 16, wherein said docking port is adapted to transfer data between the base station and the gas sensor.
19. (Previously Presented) A device according to claim 13, and further including a docking port for the display device.
20. (Previously Presented) A device according to claim 19, wherein said docking port orientates the display device for use on the base station.